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BEFORE THE ARIZONA CORPORATION COM
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SANDRA D. KENNEDY
BOB STUMP

2010 DEC -1 A 9: 30

AZ CORP COMMISSION
DOCKET CONTROL

IN THE MATTER OF THE TRICO ELECTRIC)
COOPERATIVE, INC.'S APPLICATION FOR)
APPROVAL OF A NET METERING TARRIFF.)
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)
)
)

DOCKET NO. E-01461A-09-0450

NOTICE OF FILING

Intervenor hereby files the documents pertaining to TRICO'S Net Metering Tariff
as noted below.

RESPECTFULLY SUBMITTED this 30th day of November, 2010.

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NOV 30

ARIZONA CORP. COMM
400 W CONGRESS STE 213 TUCSON AZ 8570*

By James M. Arkoosh
James M. Arkoosh
Intervenor
65227 E. Emerald Ridge Dr.
Tucson, Arizona 85739

Arizona Corporation Commission
DOCKETED

DEC 1 2010

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Enclosures:

A1 – A3	TRICO's reply to Intervenor's Data Request
B1 – B2	TRICO's reply to Intervenor's Data Request
C1	Prior Comments filed by Solar Installer dated February 23, 2010
D1	Manufacturer's data collection information for Itron Meters

Original and 13 copies of the foregoing
Filed this 30th day of November, 2010 with:

Docket Control
Arizona Corporation Commission
400 West Congress
Tucson AZ 85701-1347

Copy of the foregoing mailed
This 30th day of November, 2010 to:

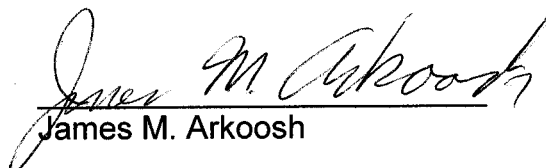
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By


James M. Arkoosh

**TRICO ELECTRIC COOPERATIVE, INC.'s RESPONSES TO
MR. ARKOOSH DATA REQUEST
DOCKET NO. E-01461A-09-0450
SEPTEMBER 29, 2010**

QUESTION 1: What is the total amount of Net Metering Administration Charges TRICO has charged and collected in the month of August 2010?

RESPONSE: The total amount of Net Metering Tariff Administration Charges collected for August 2010 was \$653.01.

RESPONDENT: Karen Cathers, Chief Operating Officer, Trico Electric Cooperative

**TRICO ELECTRIC COOPERATIVE, INC.'s RESPONSES TO
MR. ARKOOSH DATA REQUEST
DOCKET NO. E-01461A-09-0450
SEPTEMBER 29, 2010**

QUESTION 2:

In TRICO's original application for Net Metering Tariff it stated under the administrative charge heading, "In order to determine accurate billing and usage, Net Metering customers will need to have interval meter data available (minimum data collection of every half hour)". Would you describe in detail how monthly net metering information is currently collected? Please include

- a) Equipment used
- b) Information gathered
- c) Intervals of collection
- d) Communication method
- e) Intervals of communication
- f) Type of communication

RESPONSE:

- a) Equipment used - Itron CENTRON watt hour meter type C1SL has an on board Smart Synch GPRS communications module that is integrated into the meter.
- b) Information gathered - bi-directional energy usage data for a standard residential net metering customer.
- c) Intervals of collection - the meter collects data in 15 minute intervals.
- d) Communications method - The Itron CENTRON meter uses the GSM/GPRS public wireless platform.
- e) Intervals of communication - data from each meter is automatically sent to a Trico Itron MV90 Meter Data Management server each day. The data is also automatically sent to the Trico internal web page server that can provide usage information and load profile graphs at the request of the customer.
- f) Type of communication - The CENTRON GPRS meter communicates with a server running SmartSynch's Transaction Management System (TMS) over secure public wireless networks and complies with ANSI C12.19 protocols for data storage and transmission. Meters are capable of two way communications. Designated Trico personnel can access meter data using TMS.

RESPONDENT: Karen Cathers, Chief Operating Officer, Trico Electric Cooperative

**TRICO ELECTRIC COOPERATIVE, INC.'s RESPONSES TO
MR. ARKOOSH DATA REQUEST
DOCKET NO. E-01461A-09-0450
SEPTEMBER 29, 2010**

QUESTION 3: For standard customers, please indicate in detail the answers to the same six (6) questions as in question #2 above.

RESPONSE:

- a) Equipment used - Itron CENTRON type C1S and the Landis and Gyr Focus type ALF watt hour meters.
- b) Information gathered – single direction daily energy and demand usage data for a standard residential customer.
- c) Intervals of collection – daily energy (kwh) and demand (kW) data.
- d) Communications method – Power line carrier from the meter to a designated substation and automatically downloaded to Hunt Technologies server residing at Trico's office. Meters automatically communicate with the Hunt Technologies Command Center server. The readings are then automatically imported from this server into our National Information Solutions Cooperative (NISC) server.
- e) Intervals of communication – daily.
- f) Type of communication – The Itron CENTRON C1S and the Landis and Gyr Focus ALF meters use an on board Hunt Technologies power line carrier communication module that is integrated into the meter.

RESPONDENT: Karen Cathers, Chief Operating Officer, Trico Electric Cooperative

**TRICO ELECTRIC COOPERATIVE, INC.'s RESPONSES TO
MR. ARKOOSH DATA REQUEST
DOCKET NO. E-01461A-09-0450
NOVEMBER 3, 2010**

QUESTION 1: The total number of Registered Net Metering customers in SaddleBrooke HOA #1 and #2.

RESPONSE: Trico currently has 75 net metering member/customers in its cycle one billing, which includes the areas of Saddlebrooke #1 and #2, as well as, those in Eagle Crest and the surrounding areas.

RESPONDENT: Karen Cathers, Chief Operating Officer, Trico Electric Cooperative, Inc.

**TRICO ELECTRIC COOPERATIVE, INC.'s RESPONSES TO
MR. ARKOOSH DATA REQUEST
DOCKET NO. E-01461A-09-0450
NOVEMBER 3, 2010**

QUESTION 2: The total number of Registered Net Metering customers in Catalina and within a 5 miles radius. (As an alternative all net metering customers in zip code 85739 would be helpful. Please note if Saddlebrooke is included in this number.)

RESPONSE: Trico has almost no member/customers in the Catalina as this is for the most part Tucson Electric Power Company (TEP) service area.

RESPONDENT: Karen Cathers, Chief Operating Officer, Trico Electric Cooperative, Inc.

REHEARING MAR 15 2010

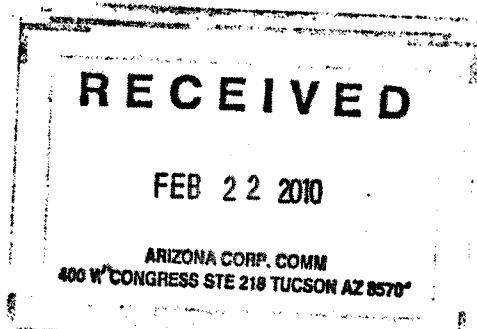
ORIGINAL

Before the Arizona Corporation Commission

February 22nd, 2010

Commissioners

Kristen K. Mayes, Chairman
Gary Pierce
Paul Newman
Sandra D. Kennedy
Bob Stump



Comments on the APPLICATION FOR REHEARING
Docket No. E-01461A-09-0450
Decision No. 71462

Submitted by:
Kevin Koch, President
Technicians For Sustainability, LLC
612 N. 7th Ave.
Tucson, AZ. 85705

Arizona Corporation Commission
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FEB 23 2010

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This document is filed in support of the application for Rehearing filed on February 3, 2010.

We feel that deeper consideration should be given to the matter of a monthly charge for metering electricity for homes with solar systems. Although the requirements of the Trico net metering tariff are appropriate for customers who wish to have Time Of Use (TOU) net metering, it is unnecessary and onerous for non-TOU customers. The majority of the Trico customers we have worked with do not have TOU metering, nor would it be advantageous for them with a solar electric system. Without TOU metering, there is no need to collect anything more than monthly readings. TEP does not require such meters, and does not have a charge for reading the meters of customers with solar systems.

Although this will not have a big impact on the cost of large systems, customers with modest electrical usage and small systems will lose a significant portion of their return on investment to this unnecessary monthly metering charge. In keeping with your history of strong advocacy and support for distributed generation, we hope that you will reconsider this aspect of the TRICO net metering tariff.

Based on the discussion above, we believe the proposed TRICO monthly Administrative Fee for Net Metering data collection and communication is **not needed or supported** by TRICO and fails to satisfy the Rules under R14-2-2305.

Sincerely,

[Handwritten signature of Kevin Koch]

Kevin Koch



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From radio-based endpoints to handhelds, mobile collection systems to fixed networks, we offer a comprehensive meter data collection portfolio. Highly scalable, our proven hardware and software products let energy and water utilities choose an integrated, open-architecture approach that specifically suits their automated meter reading needs.

Radio-Based Endpoints

Our endpoints serve as the data sending device for Itron's fully integrated portfolio of radio-based data collection solutions. Exceptionally rugged and durable, our electricity, gas and water endpoints are capable of withstanding some of the harshest environments, from extreme temperature variations to wet environments. The gas and water endpoints also feature industry-leading battery performance.

Handhelds

For utilities looking to move away from conventional meter reading, our rugged, portable, radio-equipped handhelds are an easy-to-use and affordable automatic meter reading (AMR) solution, allowing field workforces to capture, store and manage meter reads from any combination of electricity, gas and water meters.

Fixed Networks

Itron's extensive offering of fixed network AMR and AMI solutions leads to major gains in everything from operational efficiency and customer service to revenue assurance. Electric, gas and water utilities can use Itron's highly scalable fixed networks to begin advanced data collection with whatever size deployment their enterprise needs today, and grow their system in the future as the enterprise and business needs expand.

Data Collection Software

Itron provides automated meter data collection software to meet specific collection and management objectives in the most cost-effective and reliable manner across all customer segments and in all service environments. Rather than a one-size-fits-all technology, Itron's integrated, open-architecture approach to meter data collection provides our customers with unrivaled scalability, flexibility, ease of integration and cost optimization.

Workforce Management

Our mobile workforce management products combine the power of digital communications with the Internet and mobile workforce to transform field service operations. The technology streamlines a utility's daily operations in the field. It is easy-to-use and flexible, allowing utilities to maximize their field service representatives by using defined work flows that support daily work assignments.

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